

**SMART & BIGGAR***Intellectual Property & Technology Law***RECEIVED  
CENTRAL FAX CENTER****FEB 25 2005**1000 De La Gauchetière Street West  
Suite 3300  
Montreal, Quebec Canada H3B 4W5**To Fax no.:** (703) 872-9306**Page 1 of:** 14**Attention:**K. Cyrus KIANNI, Examiner  
USPTOTel. (514) 954-1500  
Fax (514) 954-1396**From:** Brigide Mattar**Your file no.:** Application No. 10/733,325  
Filing Date: December 12, 2003**Date:** February 25, 2005**Reply to Montreal file no.:** 86200-11**Time:****EXPEDITED PROSECUTION****If there are any transmission problems, please call (514) 954-1500.**

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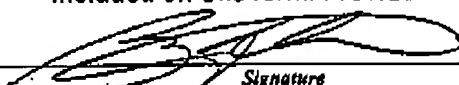
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|  |   |                                    |  |                               |                                 |
|--|---|------------------------------------|--|-------------------------------|---------------------------------|
| <b>AMENDMENT TRANSMITTAL LETTER (Small Entity)</b>   |   |                                    |  | Docket No.<br><b>86200-11</b> |                                 |
| Applicant(s): <b>Claude BEAULIEU et al.</b>  |   |                                    |  |                               |                                 |
| Application No.<br><b>10/733,325</b>   | Filing Date<br><b>December 12, 2003</b> | Examiner<br><b>K. Cyrus KIANNI</b> | Customer No.<br><b>28291</b>   | Group Art Unit<br><b>2883</b> | Confirmation No.<br><b>9090</b> |
| Invention: <b>METHOD AND APPARATUS FOR INDUCING AN INDEX OF REFRACTION CHANGE ON A SUBSTRATE SENSITIVE TO ELECTROMAGNETIC RADIATION</b>  |   |                                    |  |                               |                                 |
| <b><u>COMMISSIONER FOR PATENTS:</u></b>  |   |                                    |  |                               |                                 |
| Transmitted herewith is an amendment in the above-identified application.  |   |                                    |  |                               |                                 |
| <input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27  |   |                                    |  |                               |                                 |
| The fee has been calculated and is transmitted as shown below.   |   |                                    |  |                               |                                 |
| <b>CLAIMS AS AMENDED</b>   |   |                                    |  |                               |                                 |
|  | CLAIMS REMAINING<br>AFTER AMENDMENT     | HIGHEST #<br>PREV. PAID FOR        | NUMBER EXTRA<br>CLAIMS PRESENT   | RATE                          | ADDITIONAL<br>FEE               |
| TOTAL CLAIMS   | 52 -                                    | 52 =                               | 0  | x \$25.00                     | \$0.00                          |
| INDEP. CLAIMS  | 4 -                                     | 4 =                                | 0  | x \$100.00                    | \$0.00                          |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/>   |   |                                    |  |                               | \$0.00                          |
| <b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT</b>   |   |                                    |  |                               | <b>\$0.00</b>                   |
| <input checked="" type="checkbox"/> No additional fee is required for amendment.   |   |                                    |  |                               |                                 |
| <input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of _____  |   |                                    |  |                               |                                 |
| <input type="checkbox"/> A check in the amount of _____ to cover the filing fee is enclosed.   |   |                                    |  |                               |                                 |
| <input checked="" type="checkbox"/> The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. <b>19-2550</b> |   |                                    |  |                               |                                 |
| <input checked="" type="checkbox"/> Any additional filing fees required under 37 C.F.R. 1.16.  |   |                                    |  |                               |                                 |
| <input checked="" type="checkbox"/> Any patent application processing fees under 37 CFR 1.17.  |   |                                    |  |                               |                                 |
| <input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.  |   |                                    |  |                               |                                 |
| <b>WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</b>                          |   |                                    |  |                               |                                 |
| <br>Signature   |   |                                    | Dated: <b>February 23, 2005</b>  |                               |                                 |
| Brigide Mattar, Reg. No. 51,284<br><b>SMART &amp; BIGGAR</b><br>1000 de la Gauchetière Street West<br>Suite 3300<br>Montreal, Quebec H3B 4W5<br>CANADA   |   |                                    | I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on<br><br>_____<br>(Date)<br><br>_____<br>Signature of Person Mailing Correspondence<br><br>_____<br>Typed or Printed Name of Person Mailing Correspondence |                               |                                 |
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FEB 25 2005

10/733,325

Patent  
Attorney Docket No.: 86200-11

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re: U.S. Patent Application of Claude BEAULIEU et al.

Serial No.: 10/733,325

Group Art Unit: 2883

Filed: December 12, 2003

Examiner: K. Cyrus KIANNI

For: **METHOD AND APPARATUS FOR INDUCING AN INDEX OF  
REFRACTION CHANGE ON A SUBSTRATE SENSITIVE TO  
ELECTROMAGNETIC RADIATION**

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**REPLY TO RESTRICTION REQUIREMENT**

Commissioner for Patents  
Alexandria, Virginia 22314

Sir/Madam:

In response to the Restriction Requirement mailed January 27, 2005, please amend this application as follows and consider the remarks provided.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 10.